Document: 1F2E2E08

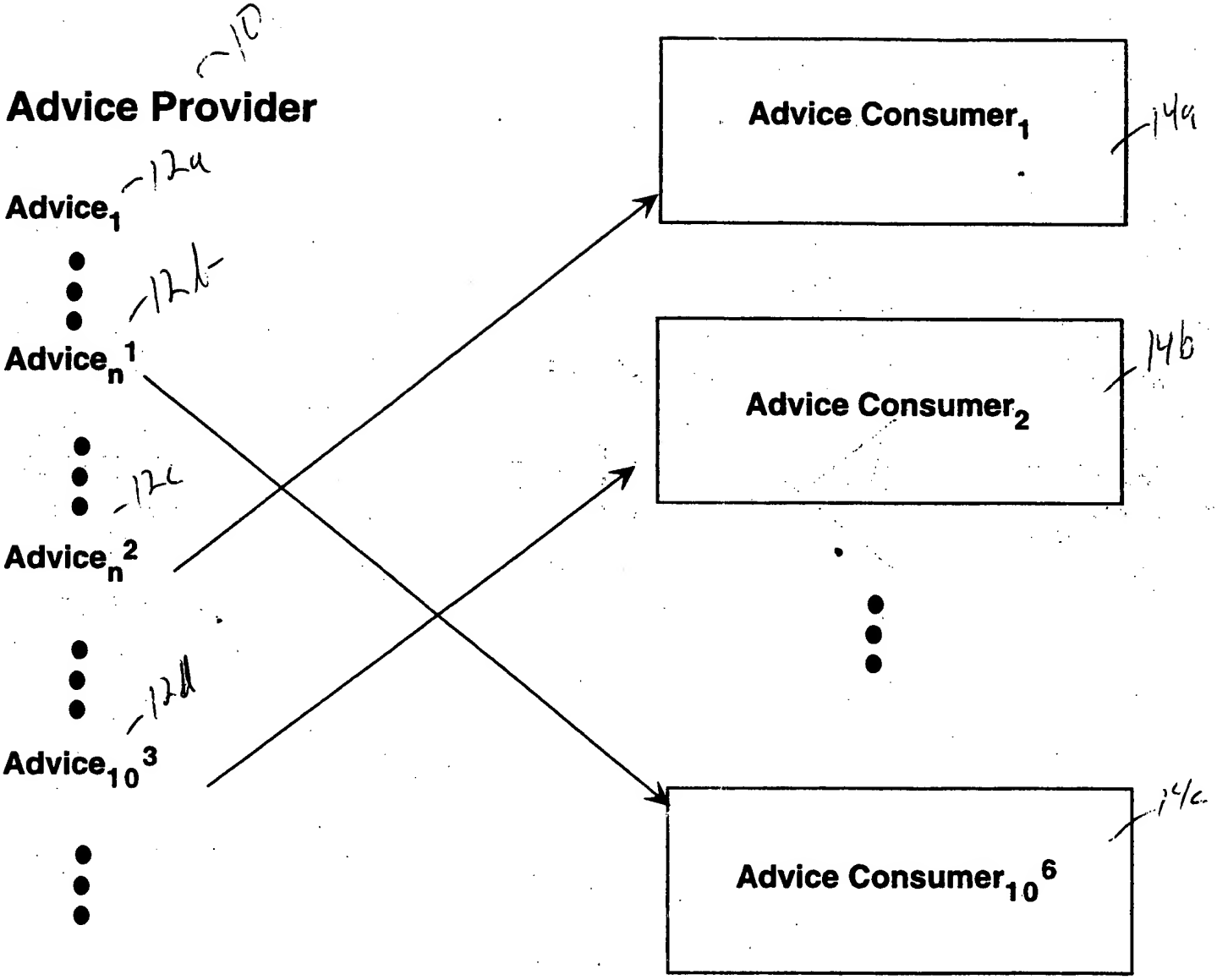


Fig. 1

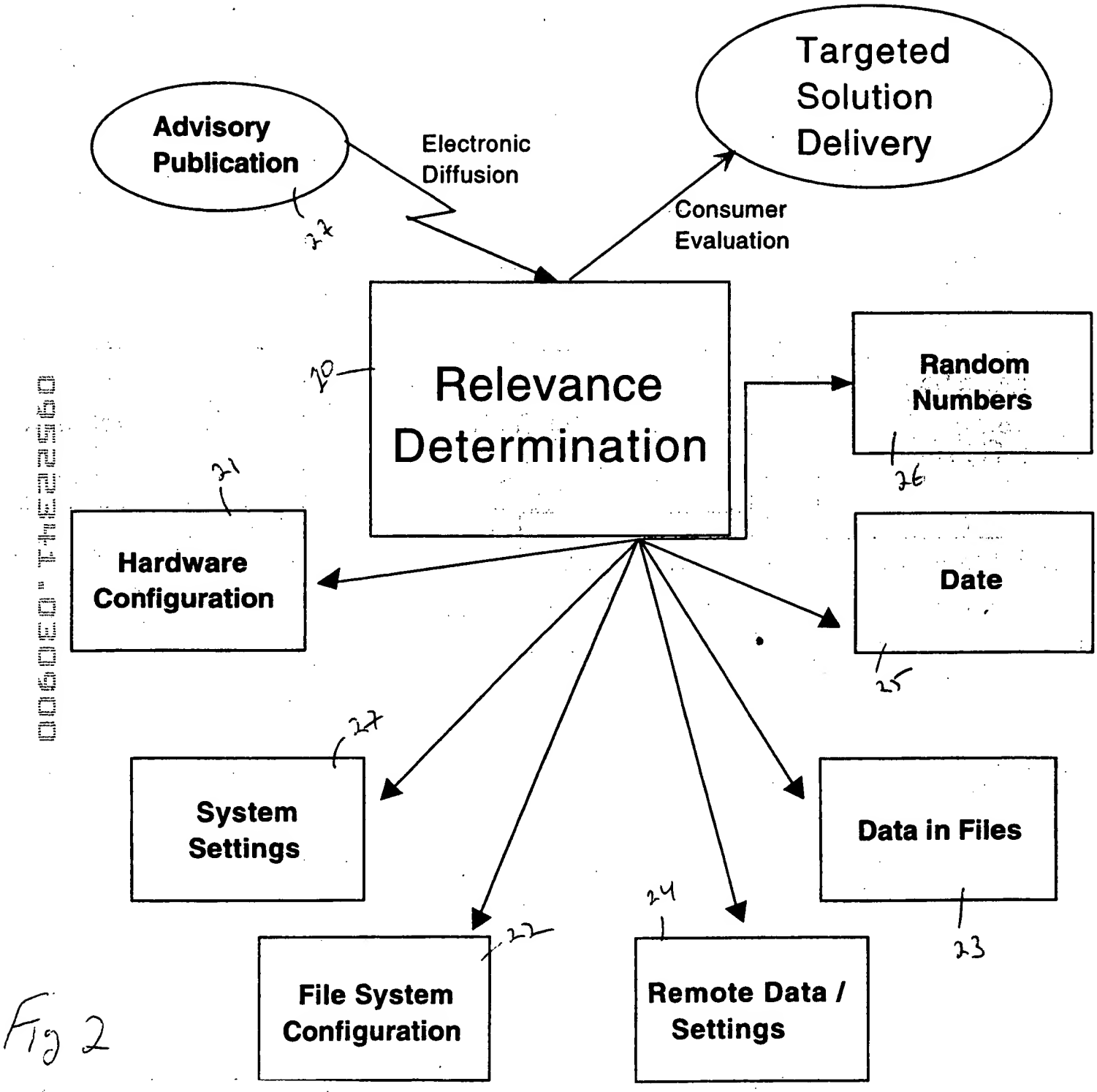

Targeted Solution Delivery
Advisory Publication
Electronic Diffusion
Consumer Evaluation
22
Relevance Determination
20
Random Numbers
26
21
Hardware Configuration
Date
25
27
System Settings
Data in Files
24
22
23
File System Configuration
Remote Data / Settings

Fig 2

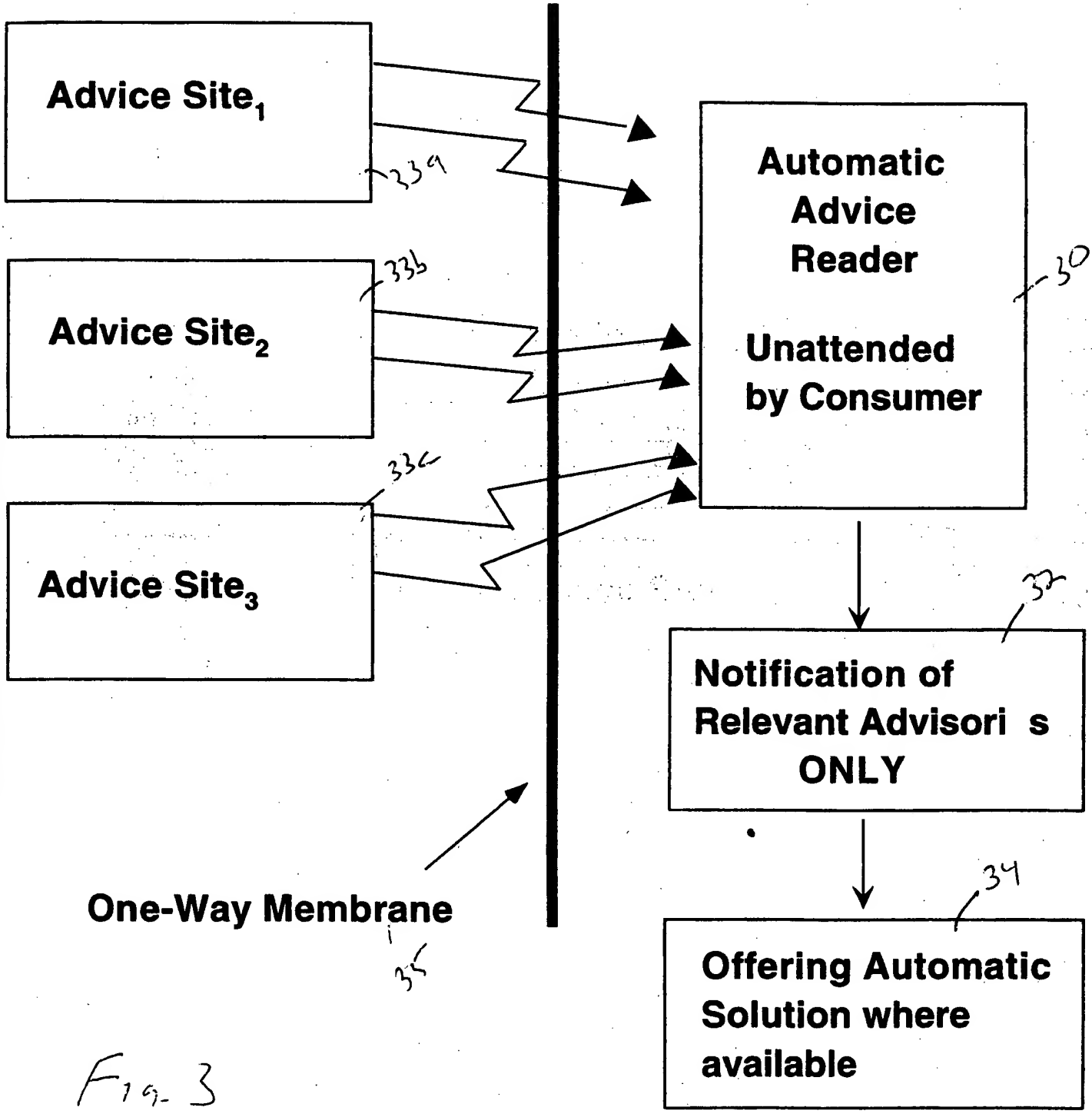

Advice Site1
Advice Site2
Advice Site3
33a
33b
33c
Automatic Advice Reader
Unattended by Consumer
30
Notification of Relevant Advisori s ONLY
32
Offering Automatic Solution where available
34
One-Way Membrane
35

Fig. 3

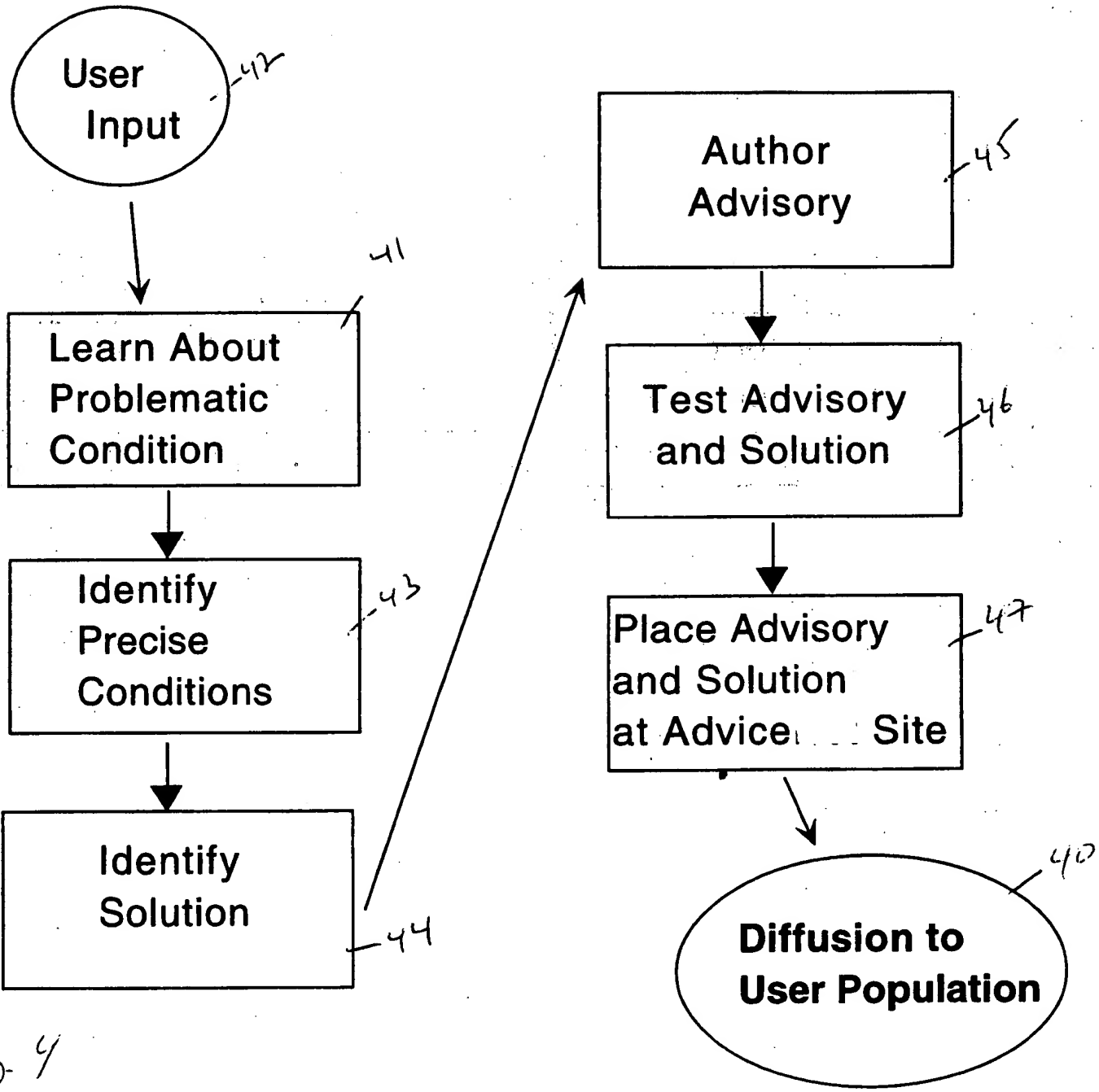

User Input
42
Learn About Problematic Condition
41
Identify Precise Conditions
43
Identify Solution
44
Author Advisory
45
Test Advisory and Solution
46
Place Advisory and Solution at Advice Site
47
Diffusion to User Population
40

Fig. 4

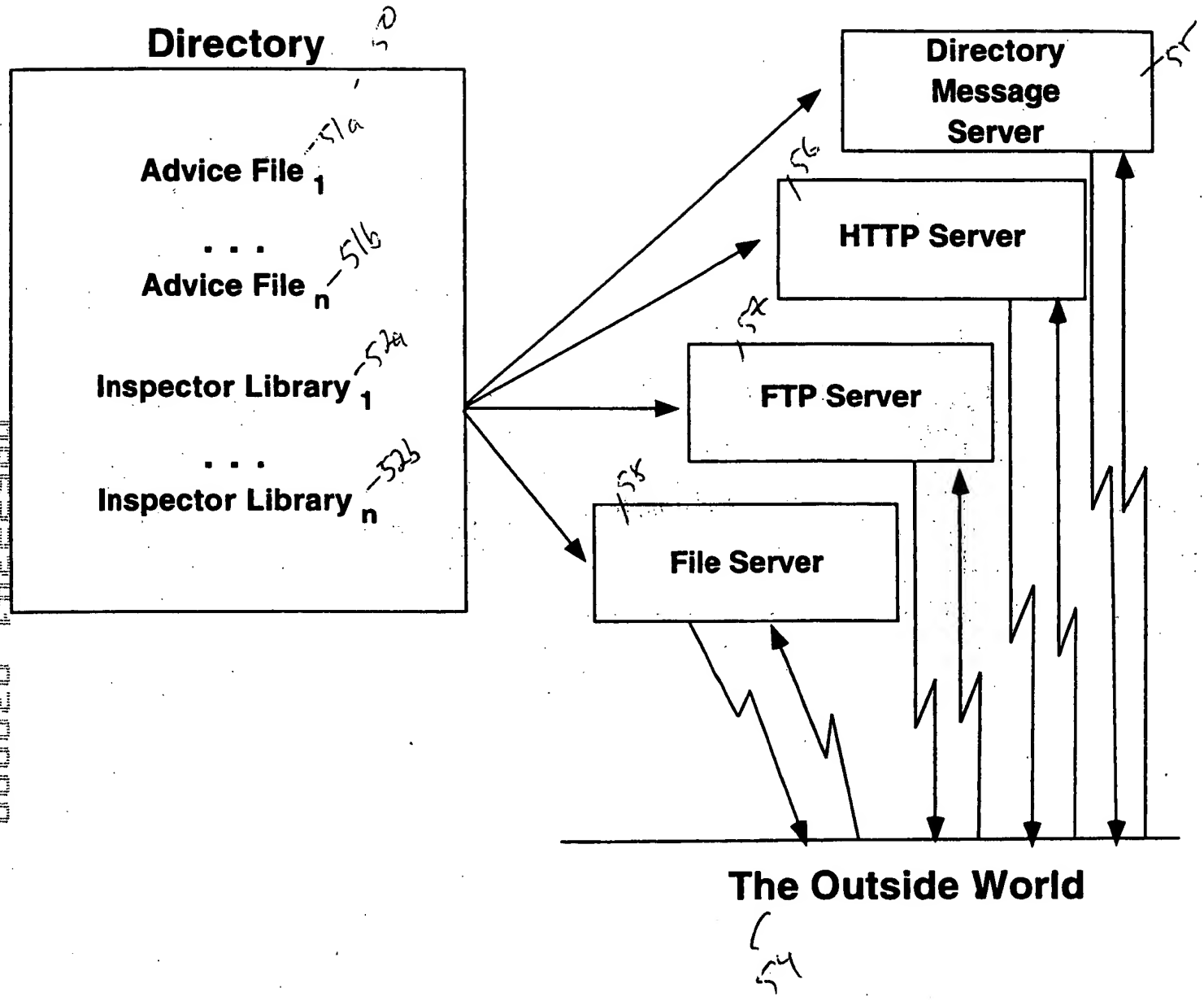

Directory
50
Advice File 1
51a
. . .
Advice File n
51b
Inspector Library 1
52a
. . .
Inspector Library n
52b
Directory Message Server
57
HTTP Server
56
FTP Server
54
File Server
58
The Outside World
54

Fig. 5

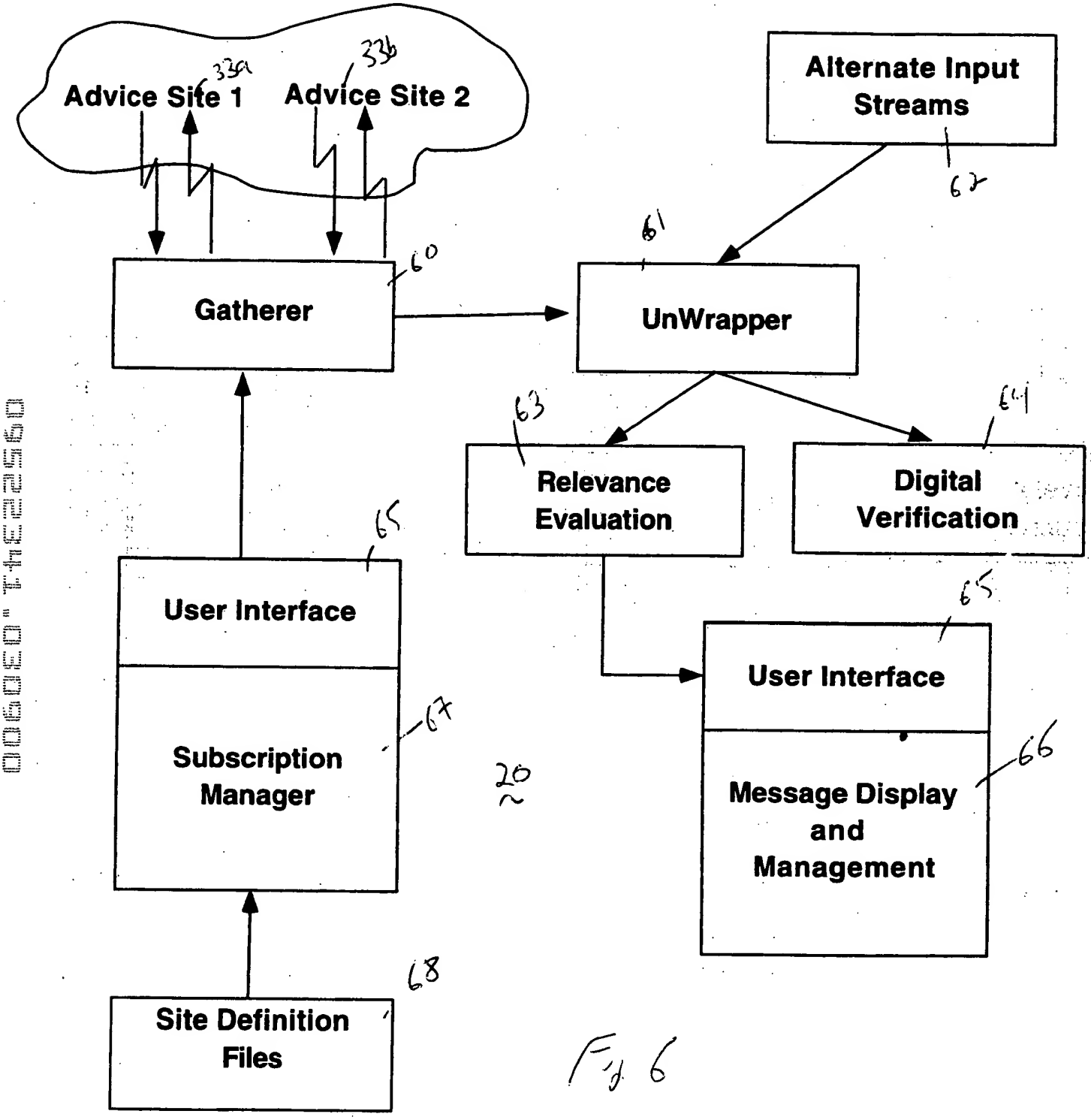

Advice Site 1
Advice Site 2
Alternate Input Streams
Gatherer
UnWrapper
Relevance Evaluation
Digital Verification
User Interface
Subscription Manager
User Interface
Message Display and Management
Site Definition Files
20

Fig 6

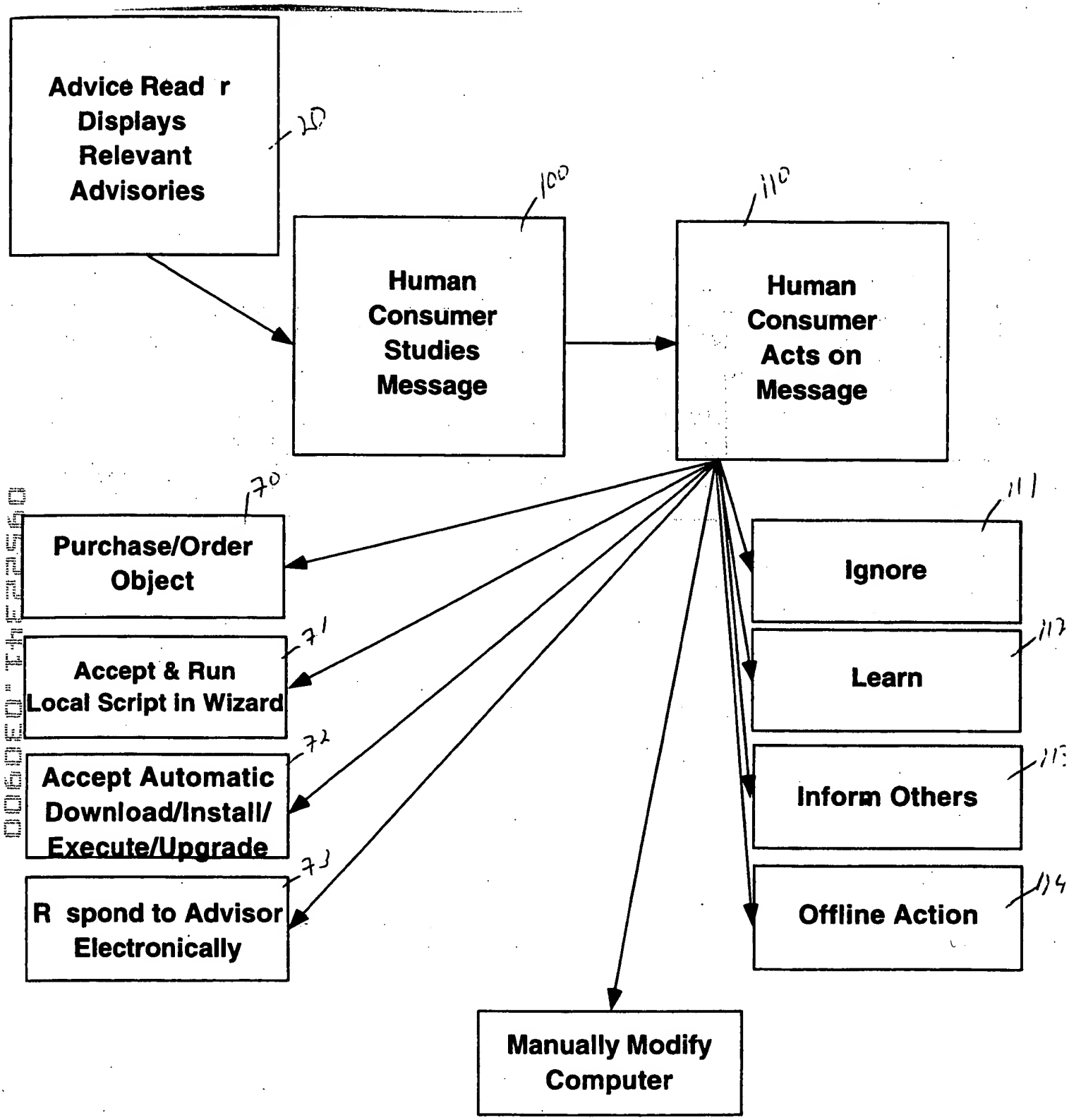

Advice Read r Displays Relevant Advisories
20
Human Consumer Studies Message
100
Human Consumer Acts on Message
110
Purchase/Order Object
70
Accept & Run Local Script in Wizard
71
Accept Automatic Download/Install/ Execute/Upgrade
72
R spond to Advisor Electronically
73
Ignore
111
Learn
112
Inform Others
113
Offline Action
114
Manually Modify Computer

Fig 7

DATE: SAT MAR 21 1998 17:54:06 -0800
FROM: JOE ADVISOR <ja@advisories.com>
MIME-Version 1.0
ORGANIZATION: Universe Communications, Inc.
SUBJECT: You need to upgrade Advice Reader
RELEVANT-WHEN: version of file "Advice.exe"
< 5.0
CONTENT-TYPE: text/html; charset us=ascii

<HTML><BODY>
Click here to <A HREF = "http://advisories.com/a"
download </A> the latest version of Advice Read r.
</BODY></HTML>

SUBJECT LINE -82

RELEVANCE CLAUSE - 80

MESSAGE BODY -81

Fig 8

Doc 6 of 6 - 1998 25 50

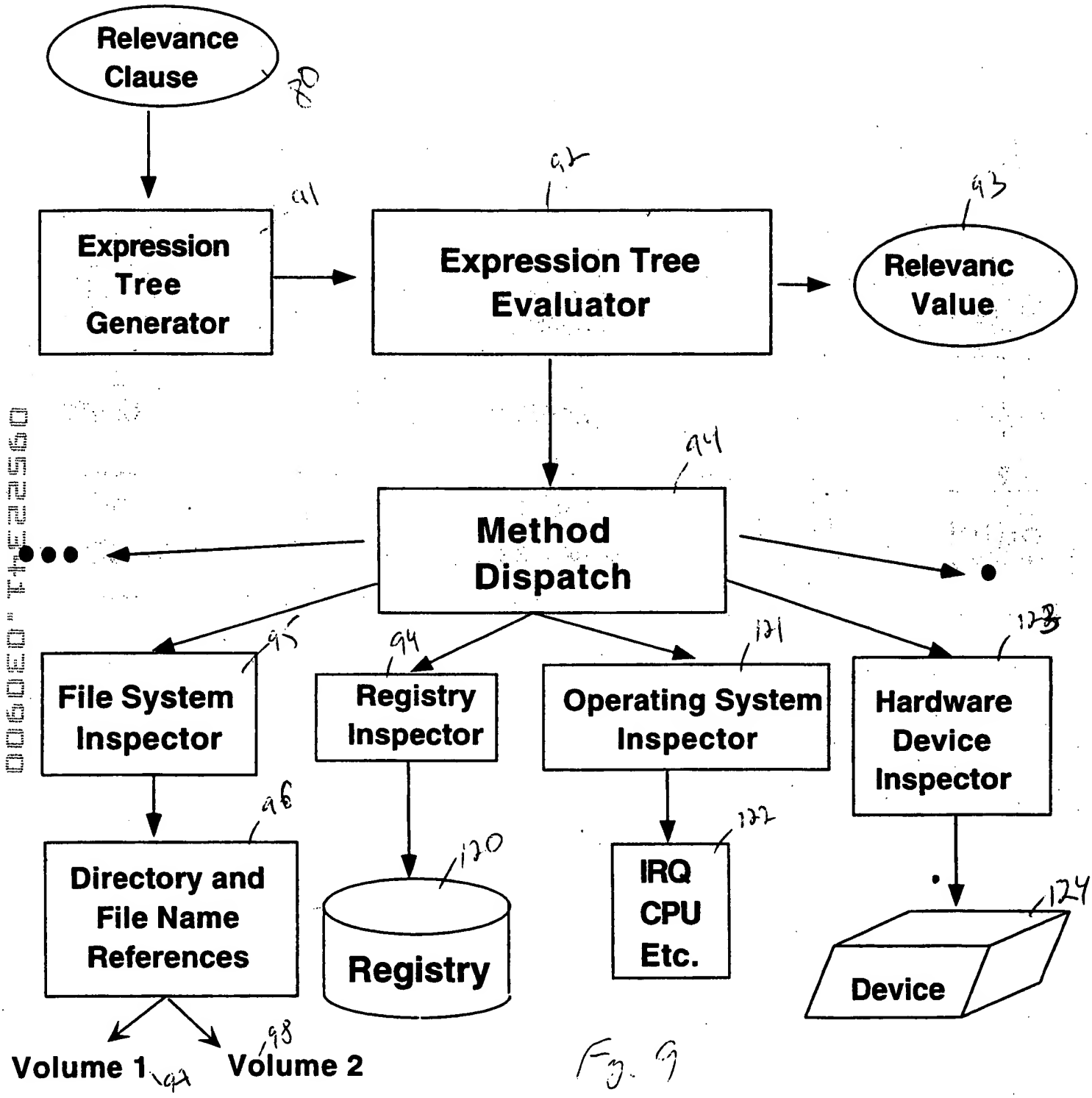

Relevance Clause
80
Expression Tree Generator
91
Expression Tree Evaluator
92
Relevanc Value
93
Method Dispatch
94
File System Inspector
95
Registry Inspector
94
Operating System Inspector
121
Hardware Device Inspector
123
Directory and File Name References
96
Registry
120
IRQ CPU Etc.
122
Device
124
Volume 1
97
Volume 2
98

Fig. 9

Expression:

(not exists File 'System' of System Folder) or
(not exists File 'MacTCP DNR' of System Folder)

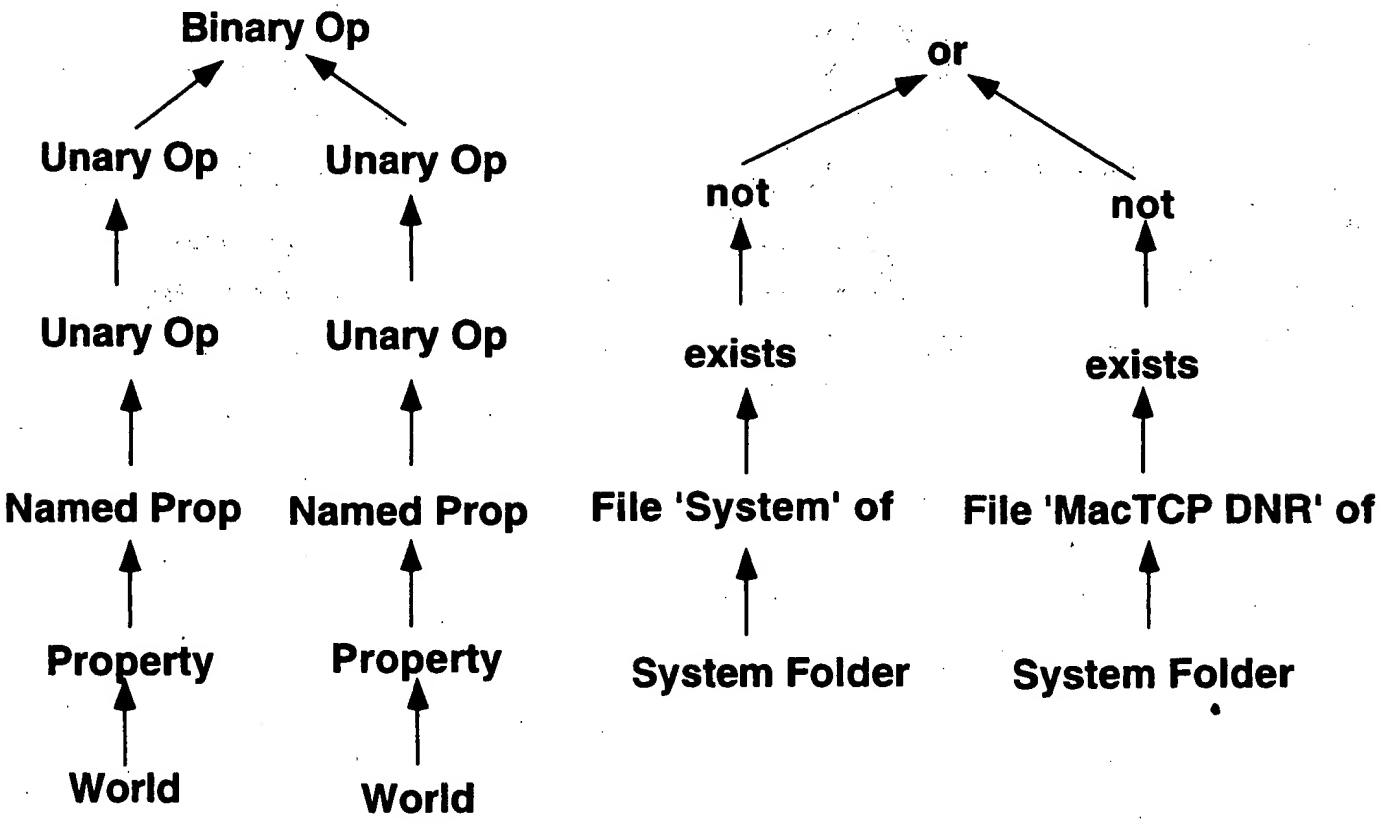


Fig 10

0005934 · 0950250

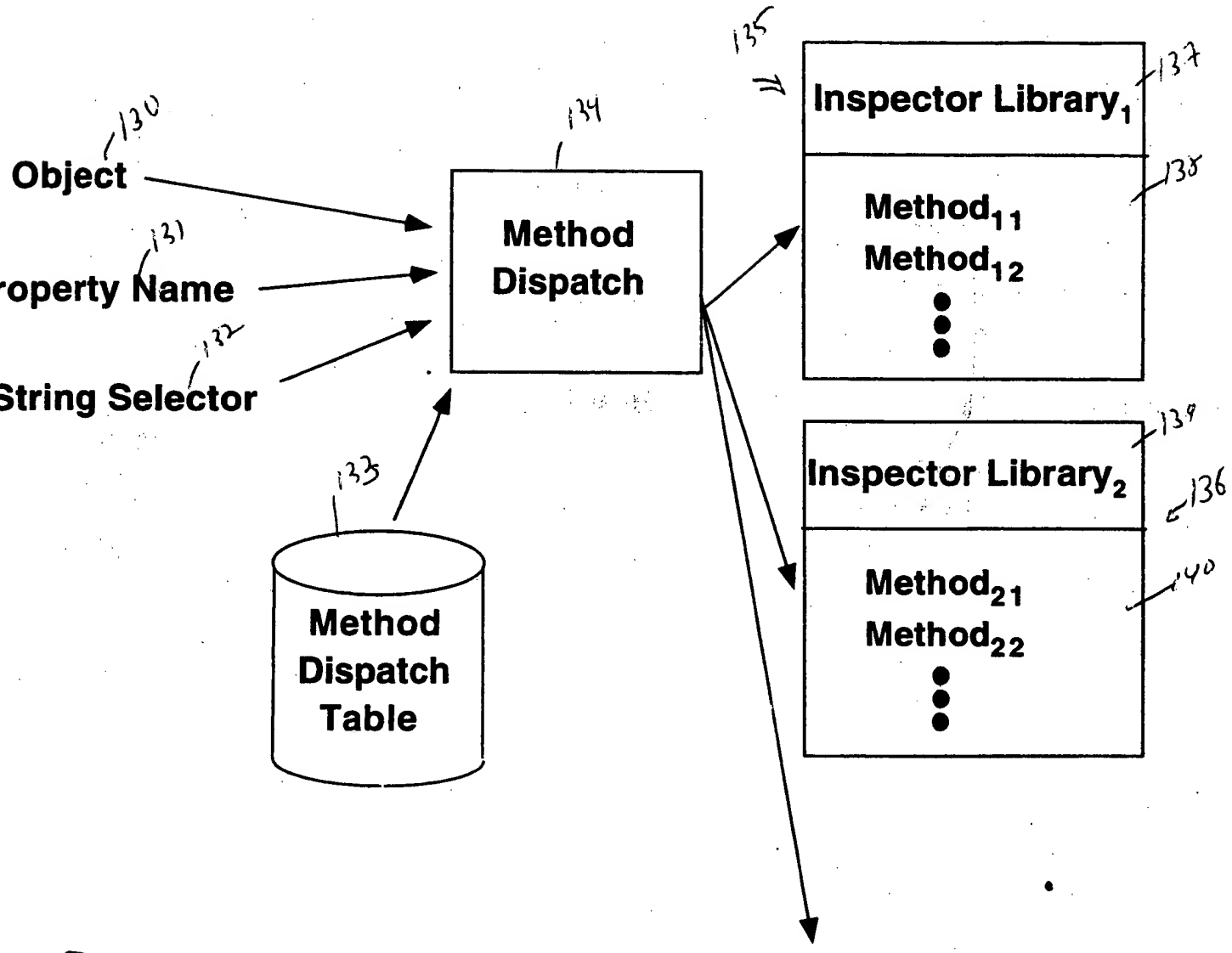

Object
Property Name
String Selector
Method Dispatch
Method Dispatch Table
Inspector Library$_1$
Method$_{11}$
Method$_{12}$
Inspector Library$_2$
Method$_{21}$
Method$_{22}$
130
131
132
133
134
135
136
137
138
139
140

Fig 11

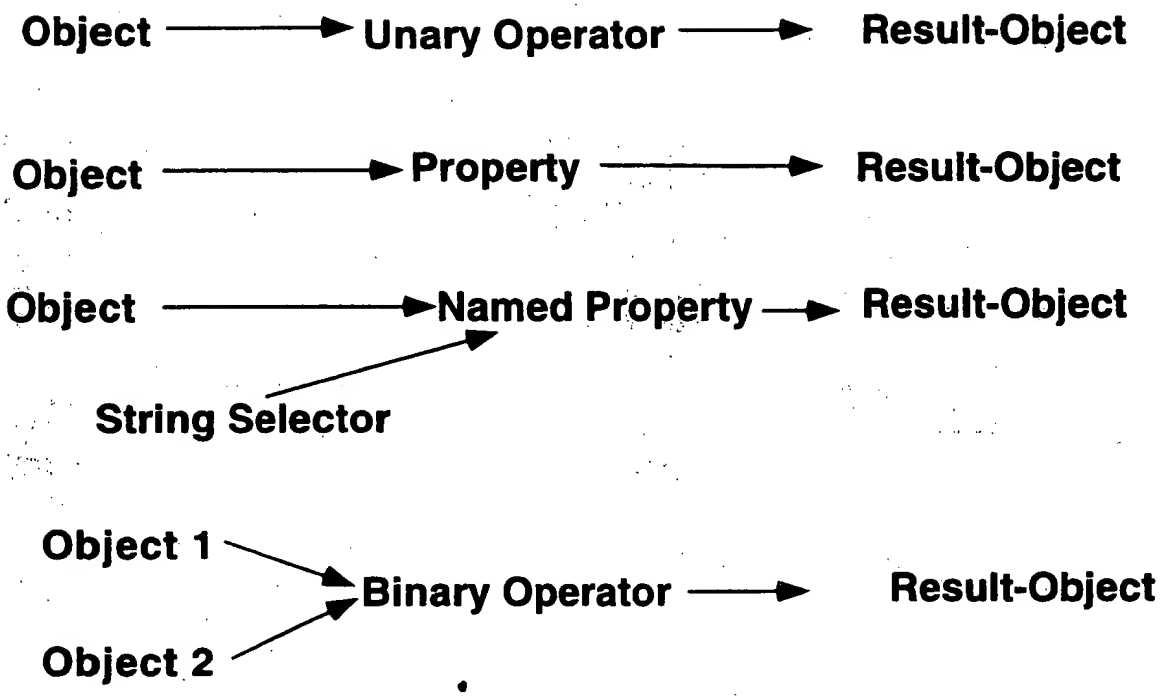
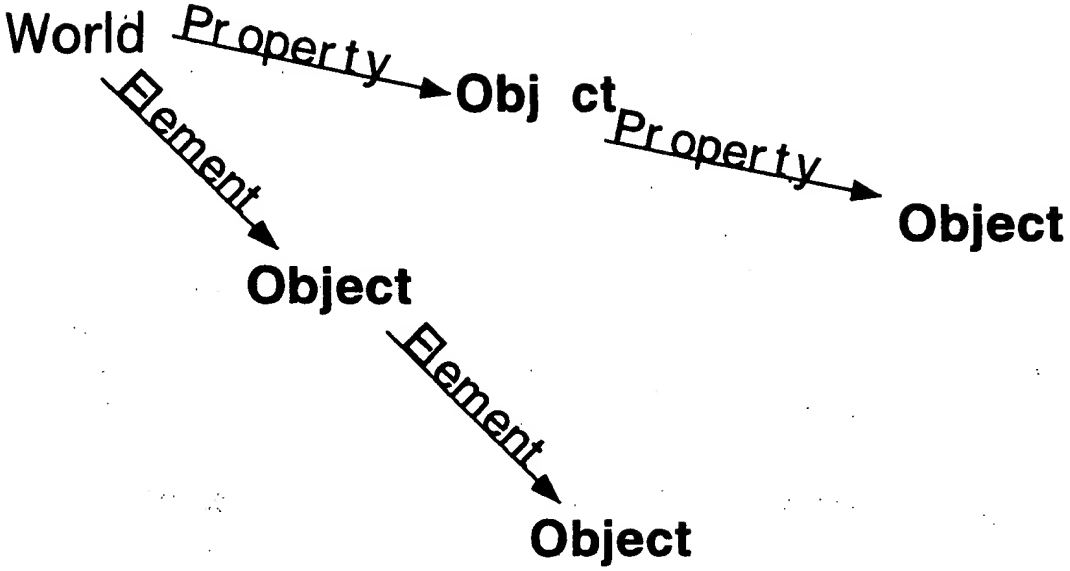

Object
Unary Operator
Result-Object
Object
Property
Result-Object
Object
Named Property
Result-Object
String Selector
Object 1
Object 2
Binary Operator
Result-Object

Fig 12



Docket: 4423-0030

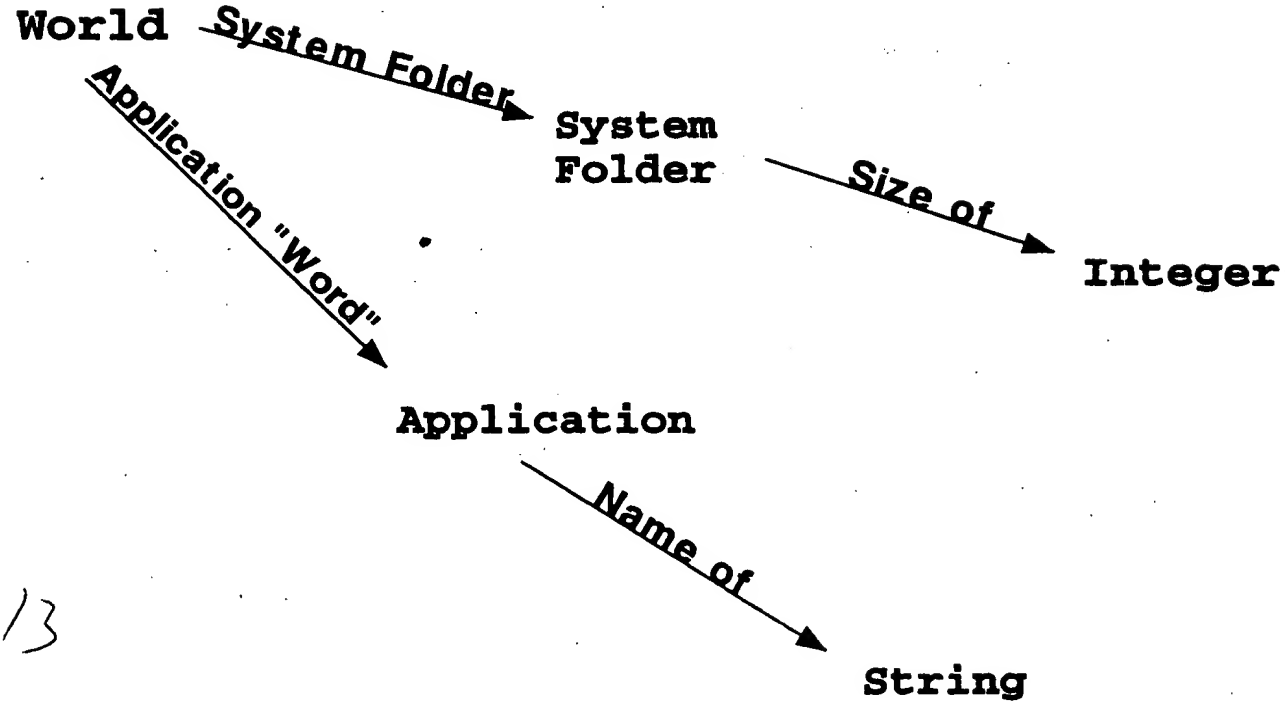


Fig 13

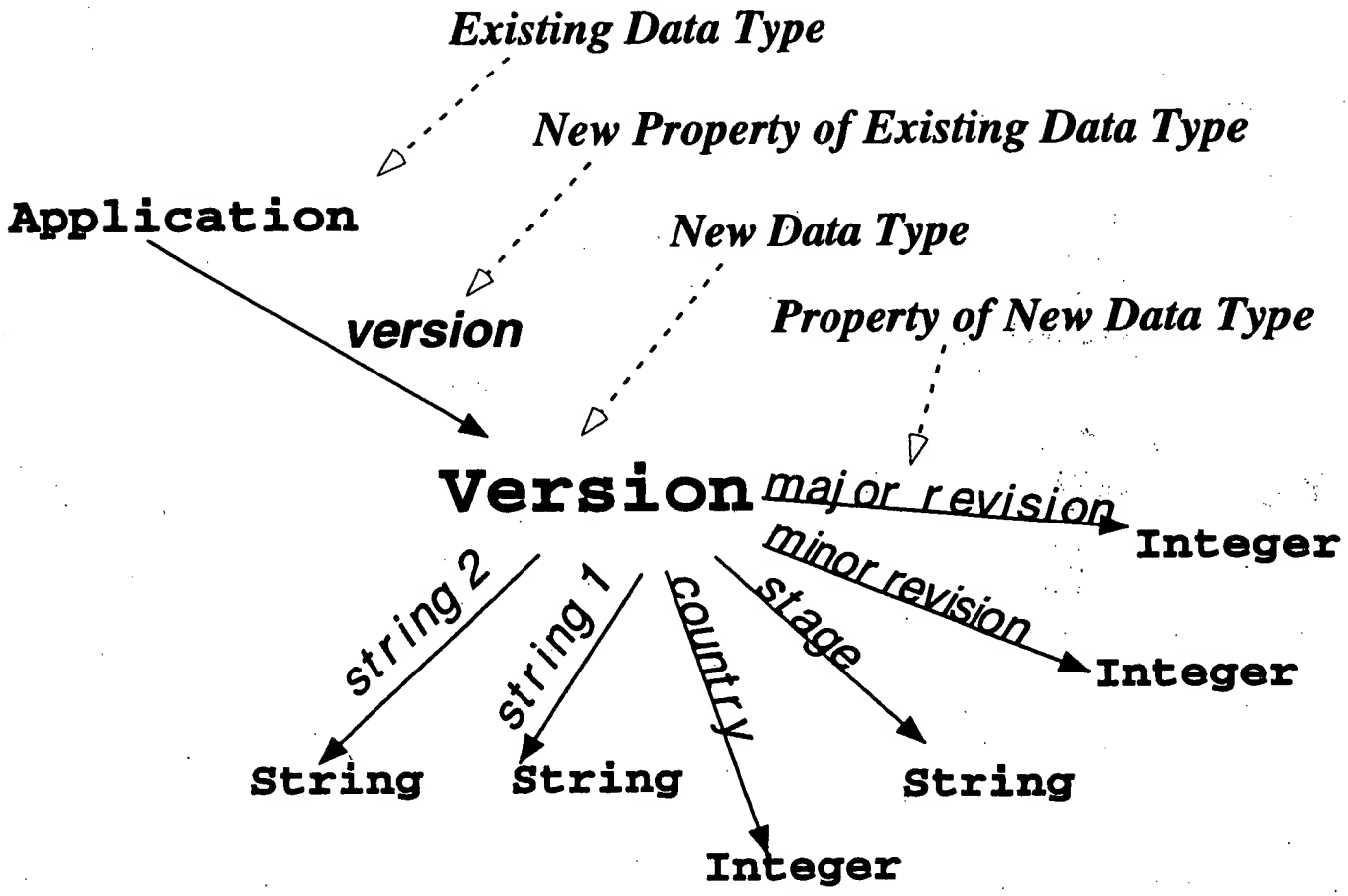


Fig. 14

0605-1.3.3.2.5.2.3.4.0.3.0.0.0

09534.1425.0

Inspector Library

Macintosh "Version" Inspector

(version, "major revision", maj-rev-meth)
(version, "minor revision", min-rev-meth)
(version, "stage", stage-meth)
(version, "country", country-meth)
(version, "string 1", string 1-meth)
(version, "string 2", string 2-meth)

Phrase Definitions
Data type associations
Method associations

METHOD maj-rev-meth;
METHOD min-rev-meth;
METHOD stage-meth;
METHOD country-meth;
METHOD string 1-meth;
METHOD string 2-meth;

Method Definitions

Fig. 15

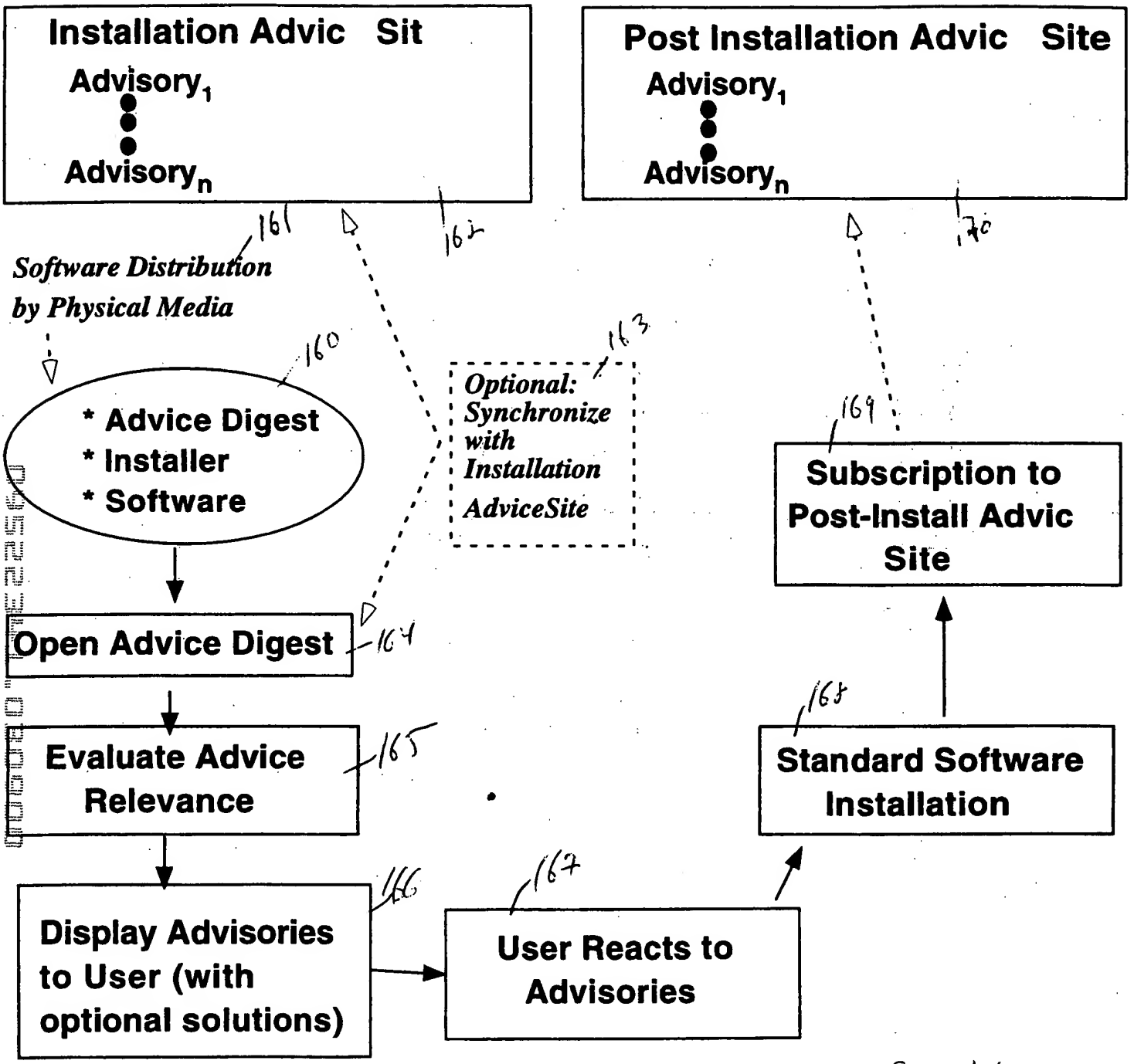

Installation Advic Sit
Advisory1
Advisoryn
Post Installation Advic Site
Advisory1
Advisoryn
161
162
170
Software Distribution by Physical Media
160
163
* Advice Digest
* Installer
* Software
Optional: Synchronize with Installation AdviceSite
169
Subscription to Post-Install Advic Site
Open Advice Digest
164
Evaluate Advice Relevance
165
168
Standard Software Installation
166
167
Display Advisories to User (with optional solutions)
User Reacts to Advisories

Fig. 16

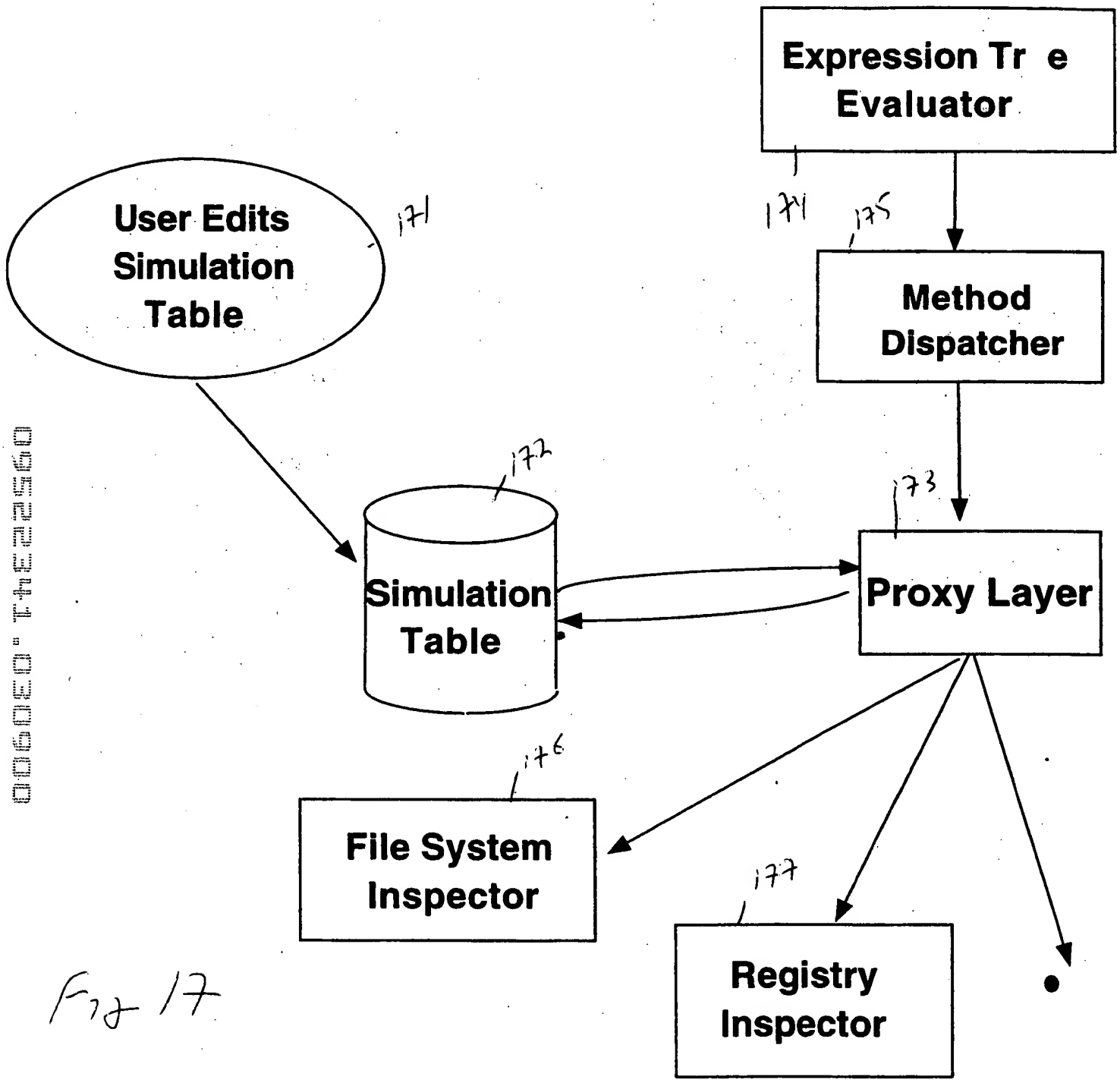


Fig 17

09525494.030900

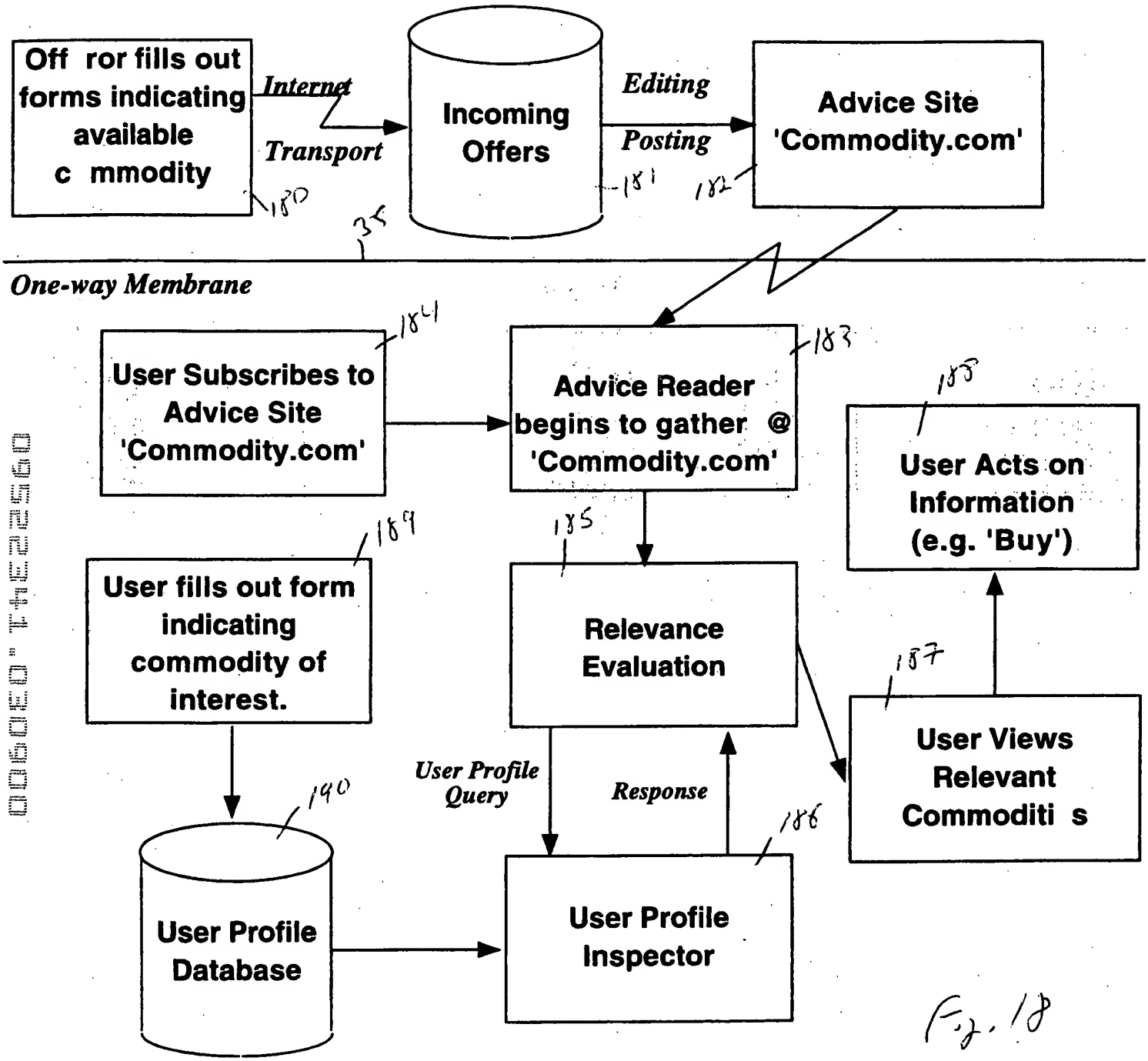

Off ror fills out forms indicating available c mmodity
Internet
Transport
Incoming Offers
Editing
Posting
Advice Site 'Commodity.com'
180
181
182
35
One-way Membrane
User Subscribes to Advice Site 'Commodity.com'
184
Advice Reader begins to gather @ 'Commodity.com'
183
User Acts on Information (e.g. 'Buy')
185
User fills out form indicating commodity of interest.
189
Relevance Evaluation
185
187
User Views Relevant Commoditi s
User Profile Query
Response
186
140
User Profile Database
User Profile Inspector

Fig. 1B

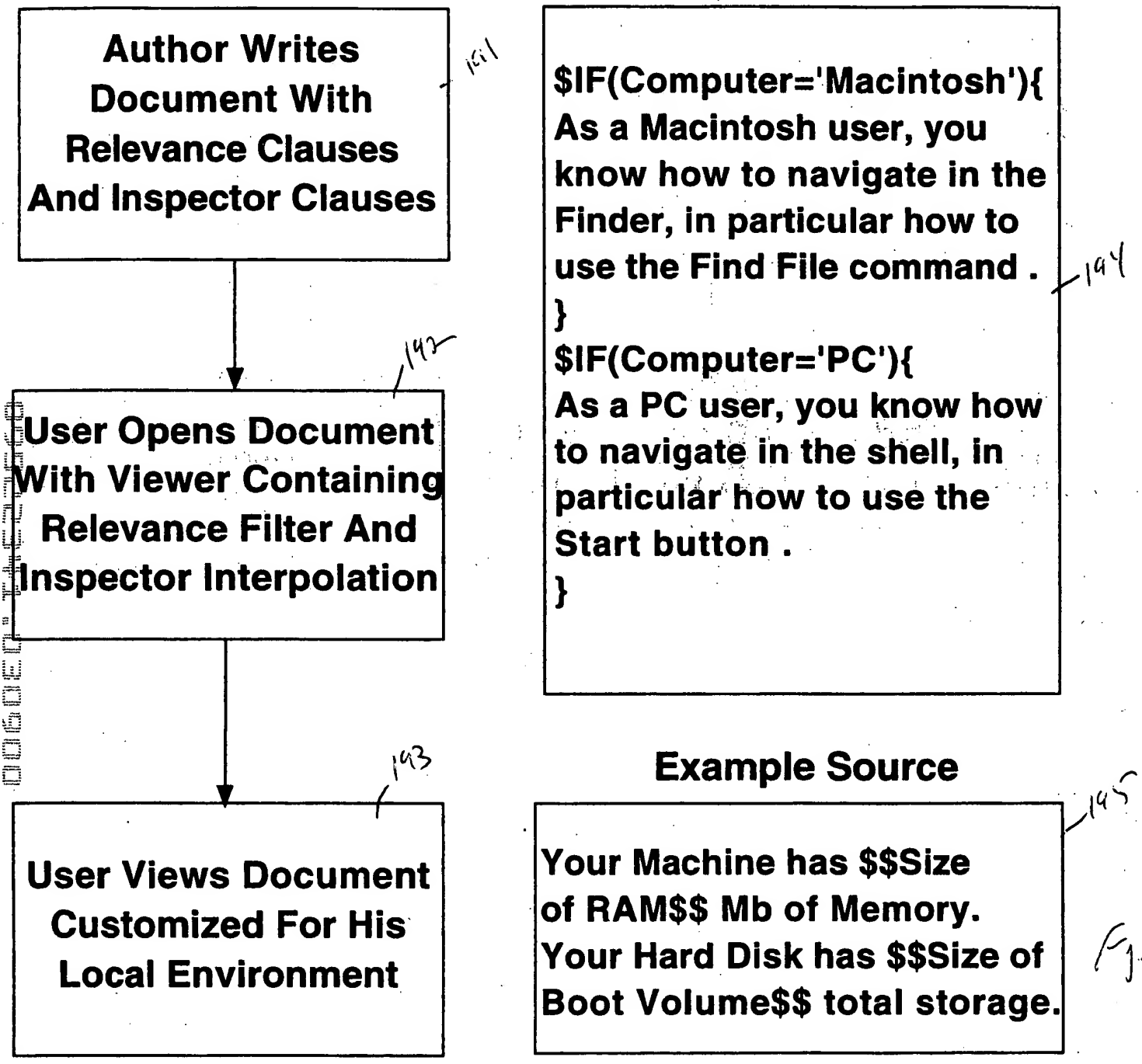

Author Writes Document With Relevance Clauses And Inspector Clauses
191
User Opens Document With Viewer Containing Relevance Filter And Inspector Interpolation
192
User Views Document Customized For His Local Environment
193
Example Source
$IF(Computer='Macintosh'){
As a Macintosh user, you know how to navigate in the Finder, in particular how to use the Find File command .
}
$IF(Computer='PC'){
As a PC user, you know how to navigate in the shell, in particular how to use the Start button .
}
194
Example Source
Your Machine has $$Size of RAM$$ Mb of Memory.
Your Hard Disk has $$Size of Boot Volume$$ total storage.
195

Fig.

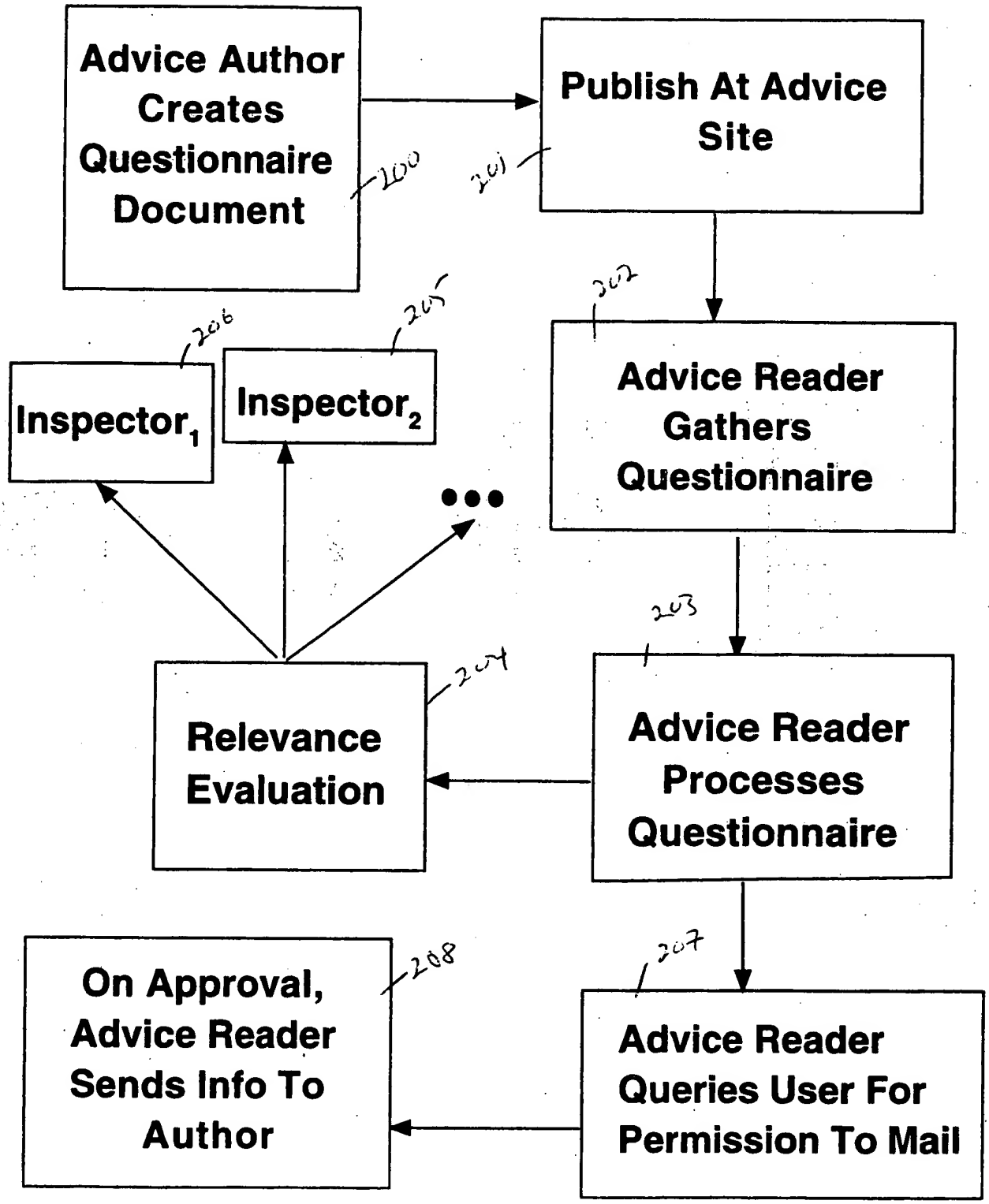

Advice Author Creates Questionnaire Document
200
Publish At Advice Site
201
Advice Reader Gathers Questionnaire
202
Advice Reader Processes Questionnaire
203
Relevance Evaluation
204
Inspector 2
205
Inspector 1
206
Advice Reader Queries User For Permission To Mail
207
On Approval, Advice Reader Sends Info To Author
208

Fig. 2C

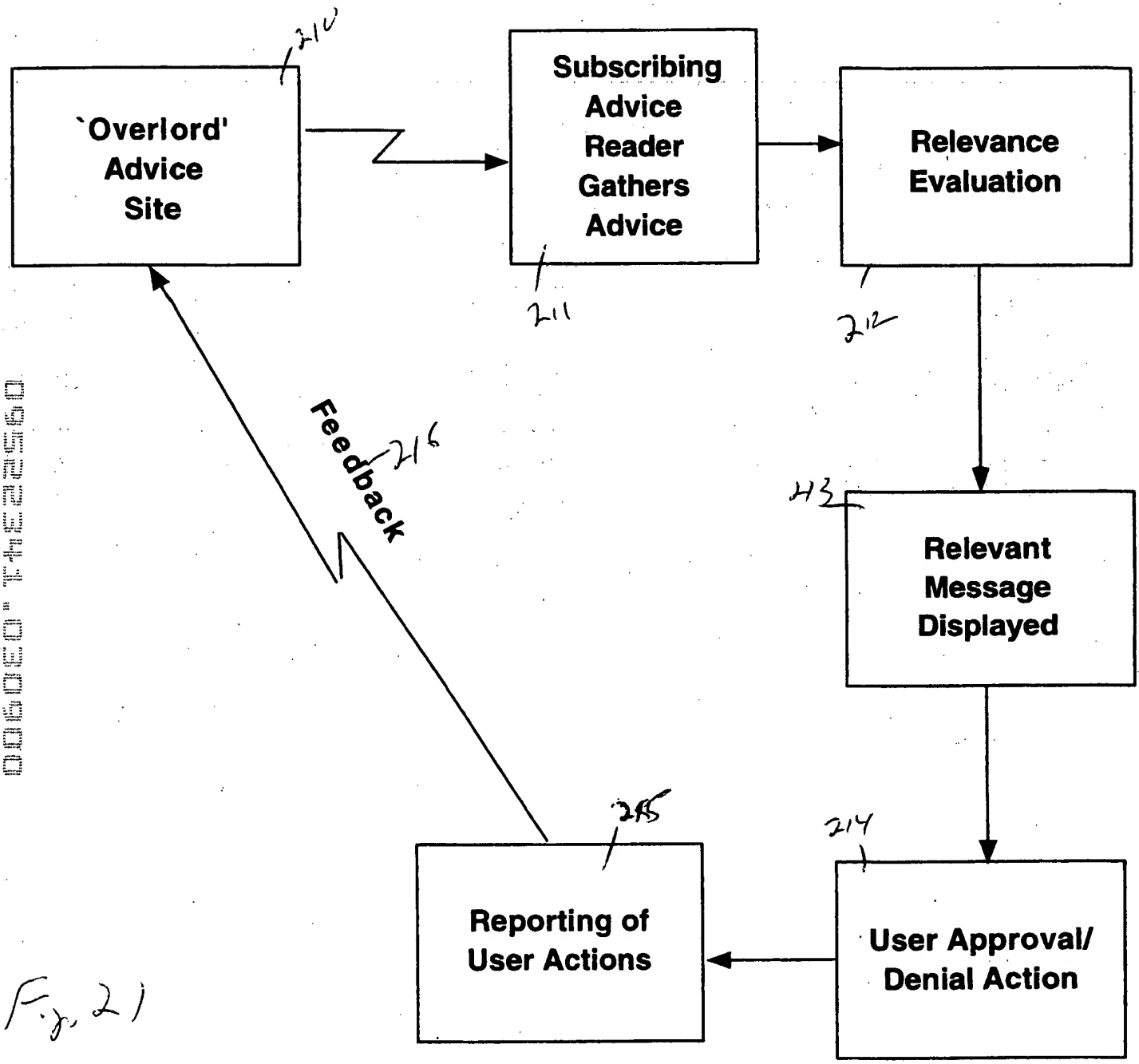

`Overlord' Advice Site
210
Subscribing Advice Reader Gathers Advice
211
Relevance Evaluation
212
Relevant Message Displayed
213
User Approval/ Denial Action
214
Reporting of User Actions
215
Feedback
216

Fig. 2)

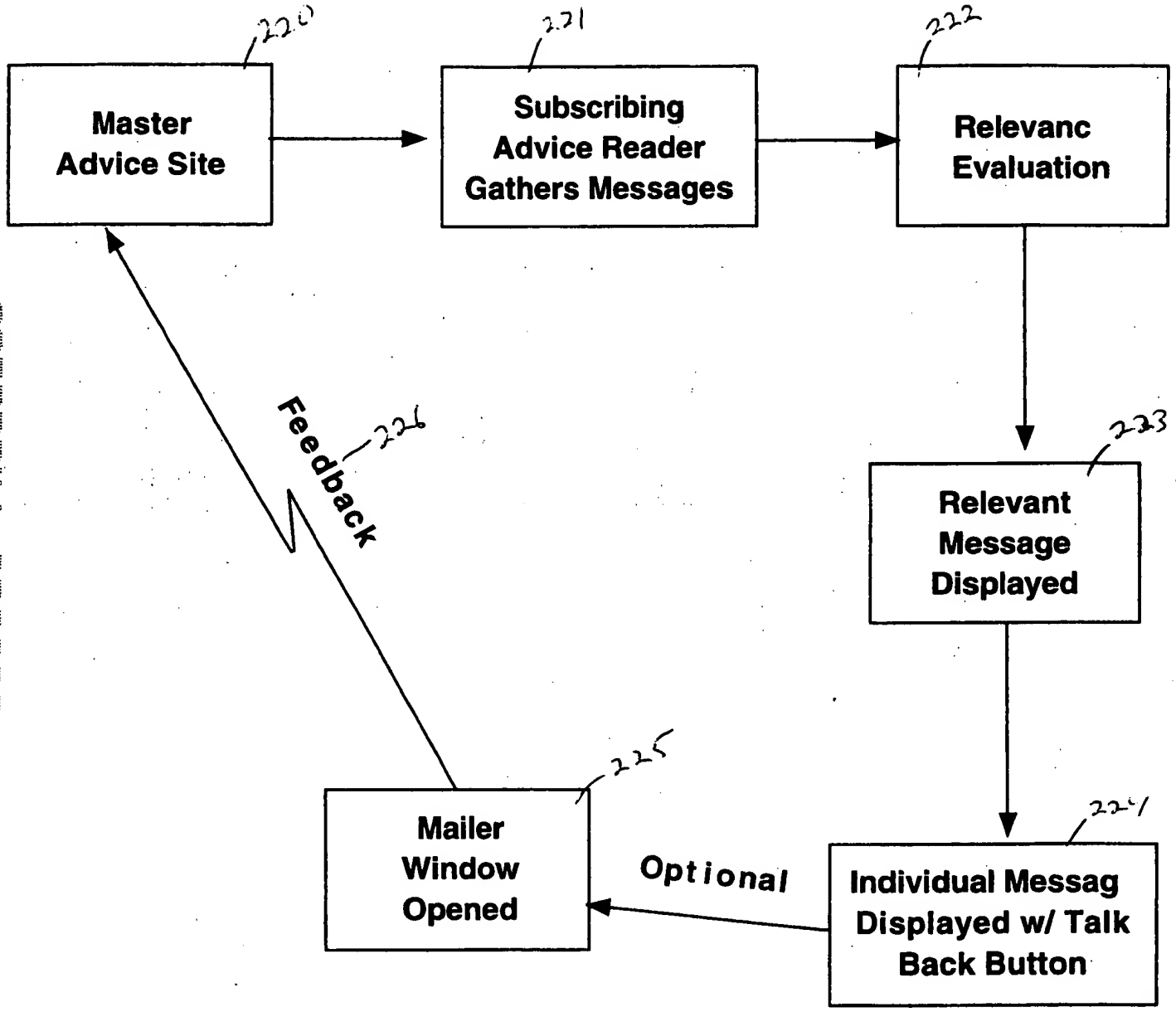

220
Master Advice Site
221
Subscribing Advice Reader Gathers Messages
222
Relevanc Evaluation
223
Relevant Message Displayed
224
Individual Messag Displayed w/ Talk Back Button
Optional
225
Mailer Window Opened
226
Feedback

Fig. 22

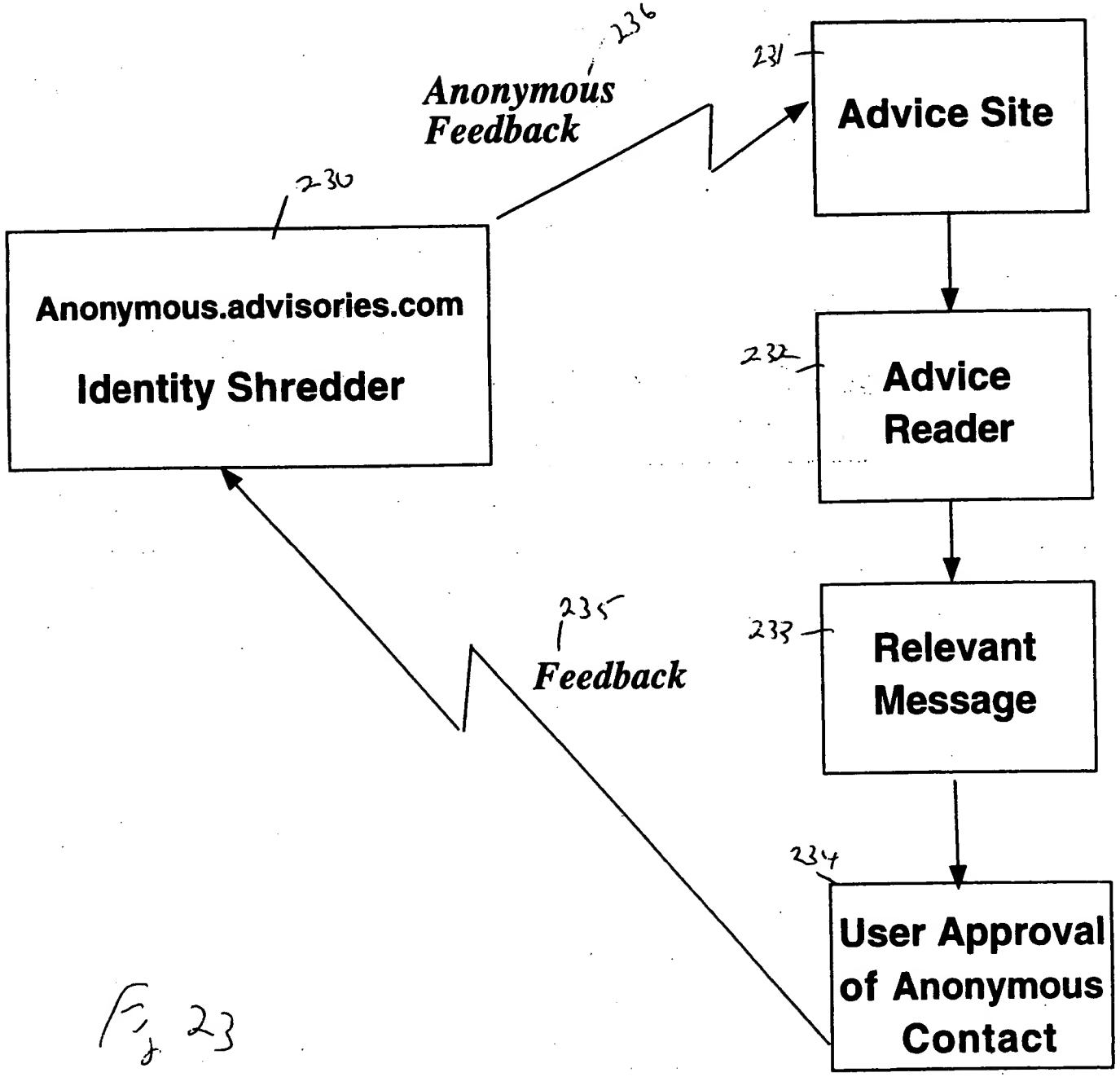

236
Anonymous
Feedback
231
Advice Site
230
Anonymous.advisories.com
Identity Shredder
232
Advice
Reader
235
Feedback
233
Relevant
Message
234
User Approval
of Anonymous
Contact

Fig 23

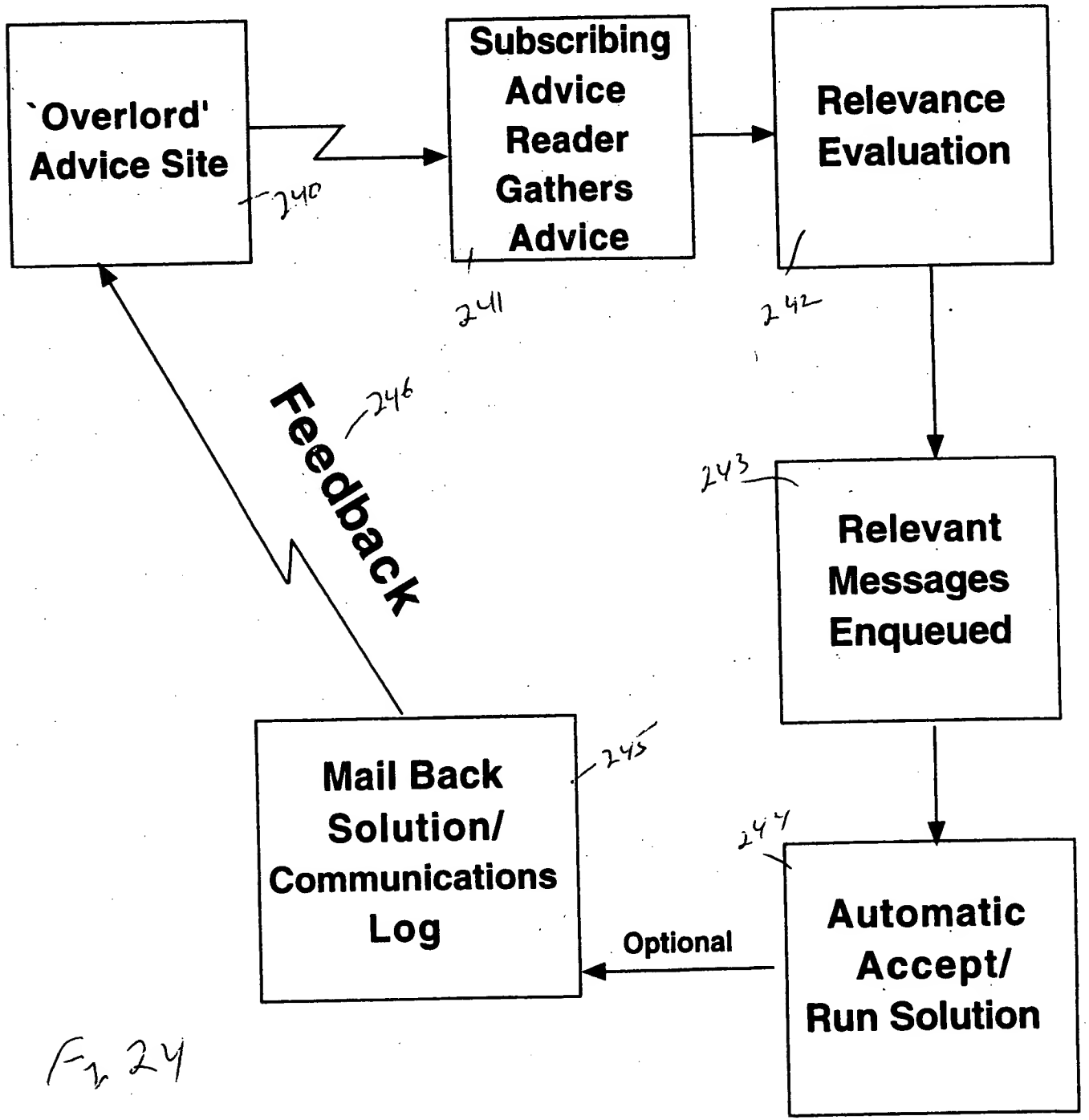

`Overlord' Advice Site
240
Subscribing Advice Reader Gathers Advice
241
Relevance Evaluation
242
Feedback
246
243
Relevant Messages Enqueued
Mail Back Solution/ Communications Log
245
244
Automatic Accept/ Run Solution
Optional

Fig. 24

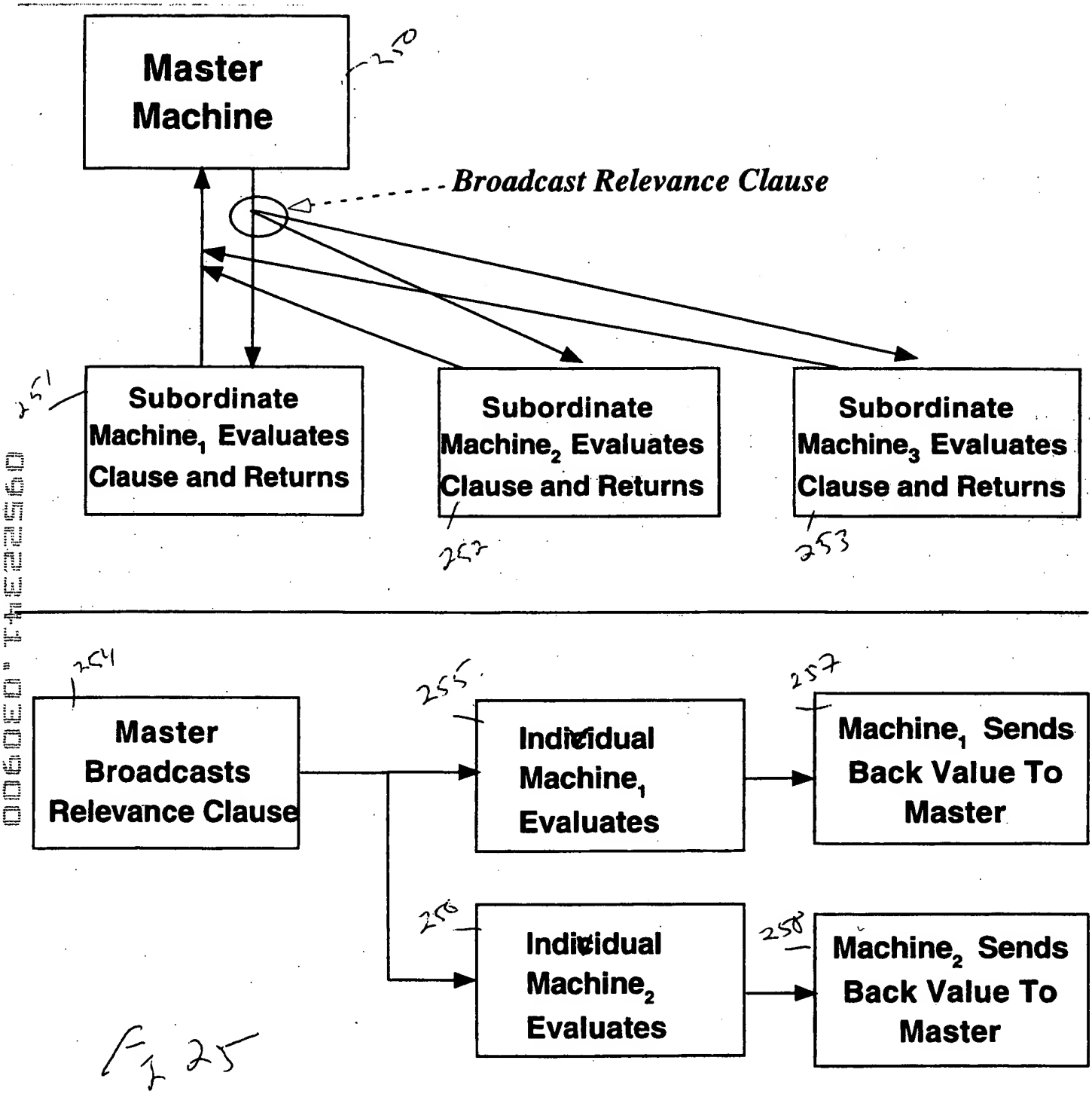

Master Machine
250
Broadcast Relevance Clause
Subordinate Machine1 Evaluates Clause and Returns
Subordinate Machine2 Evaluates Clause and Returns
Subordinate Machine3 Evaluates Clause and Returns
251
252
253
Master Broadcasts Relevance Clause
254
Individual Machine1 Evaluates
255
Machine1 Sends Back Value To Master
257
Individual Machine2 Evaluates
256
Machine2 Sends Back Value To Master
258

Fig 25